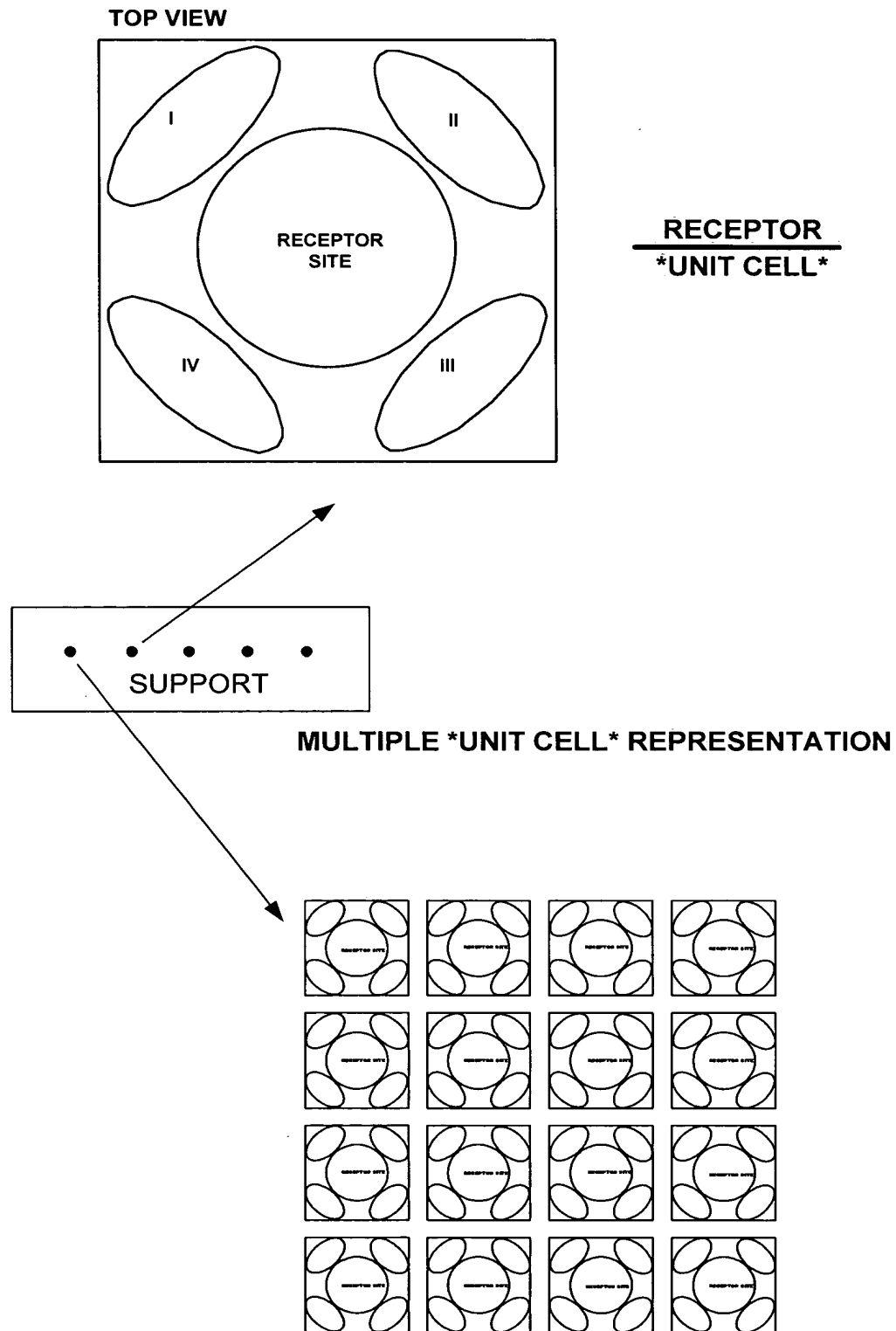
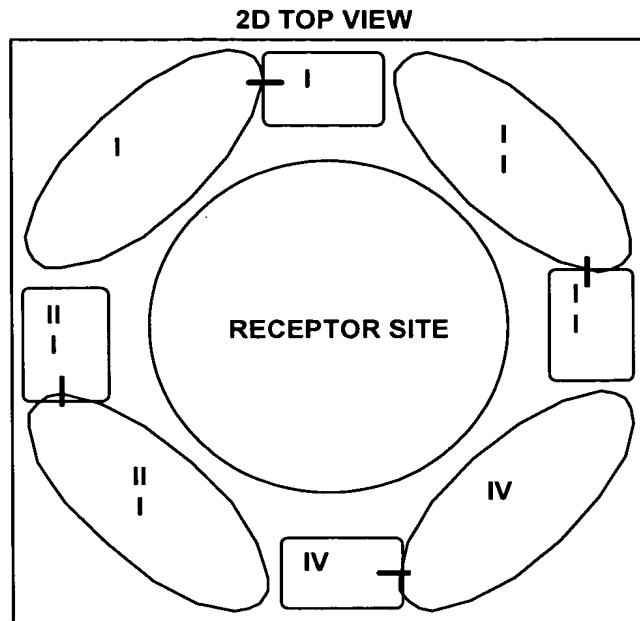
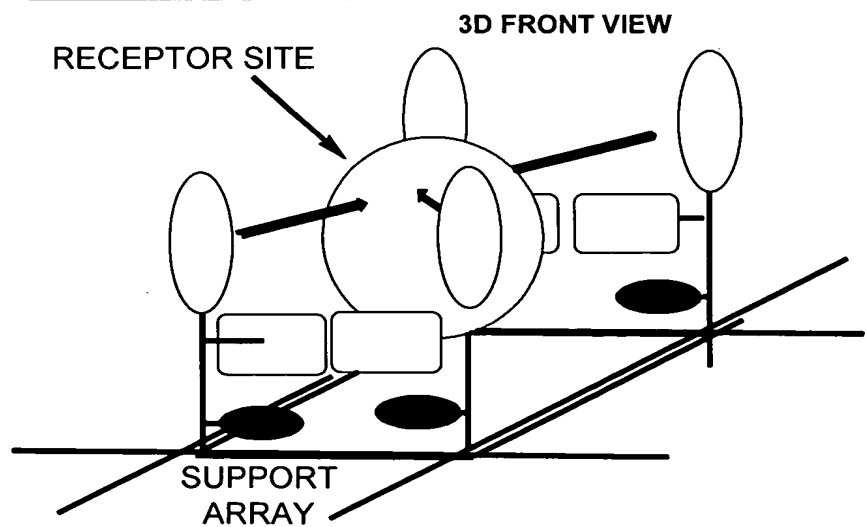
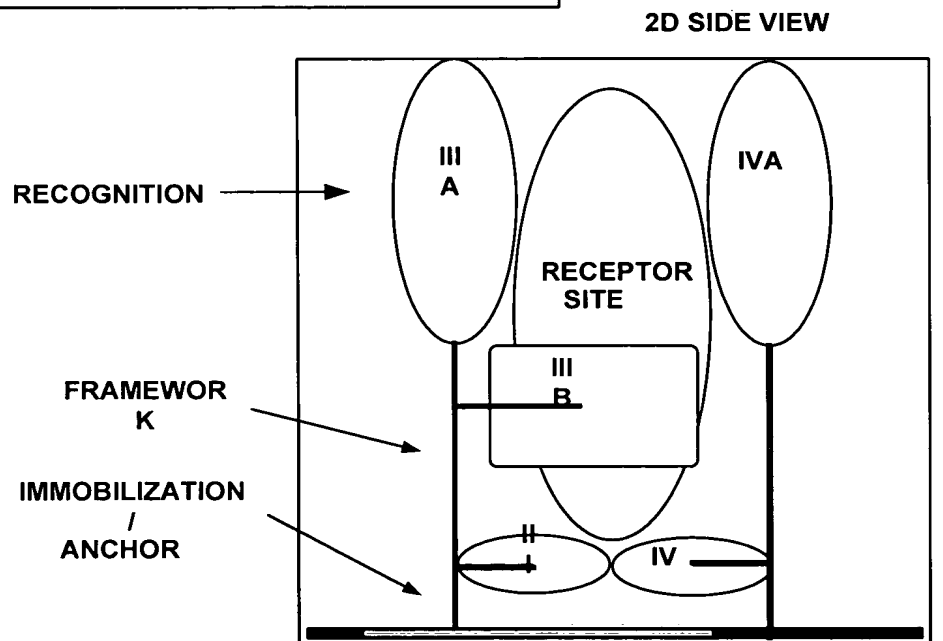


**FIG.1**



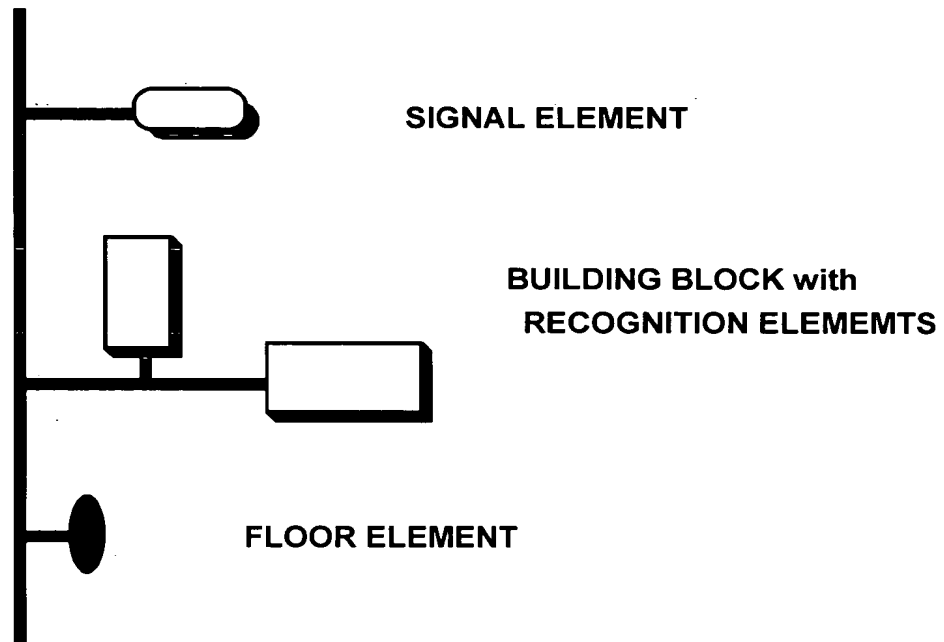


**FIG.2**

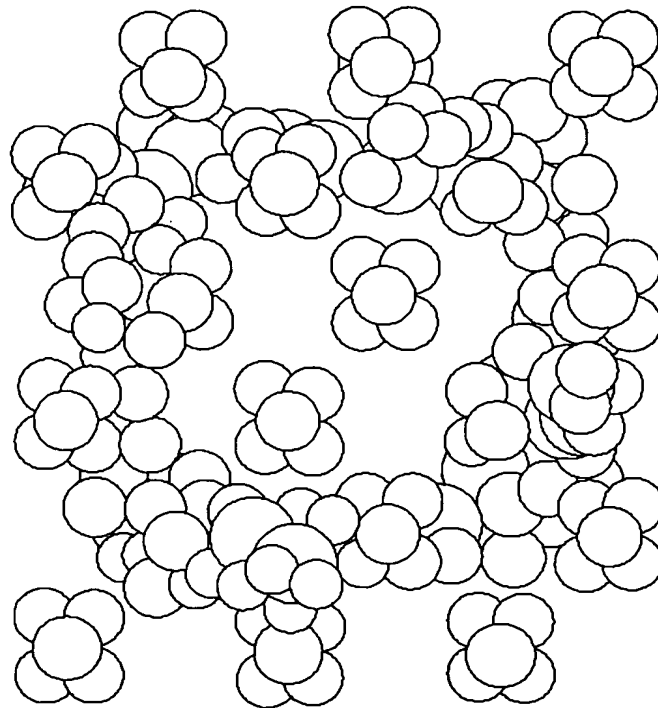




**FIG.3B**



**FIG.4**

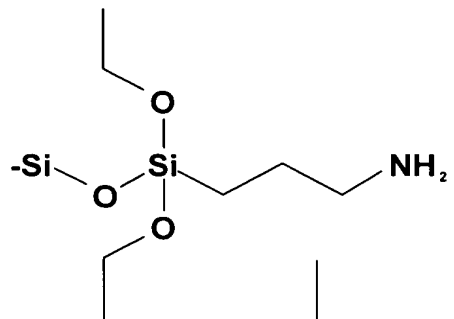


**FIG.5**

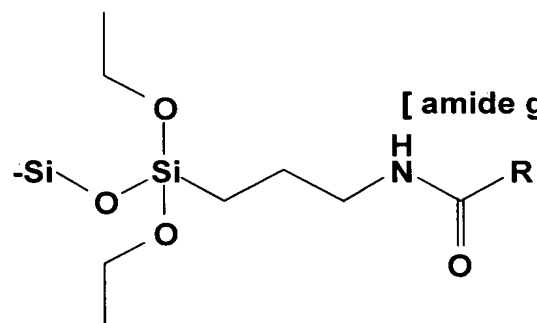
**-Si-OH**



**[ native glass ]**

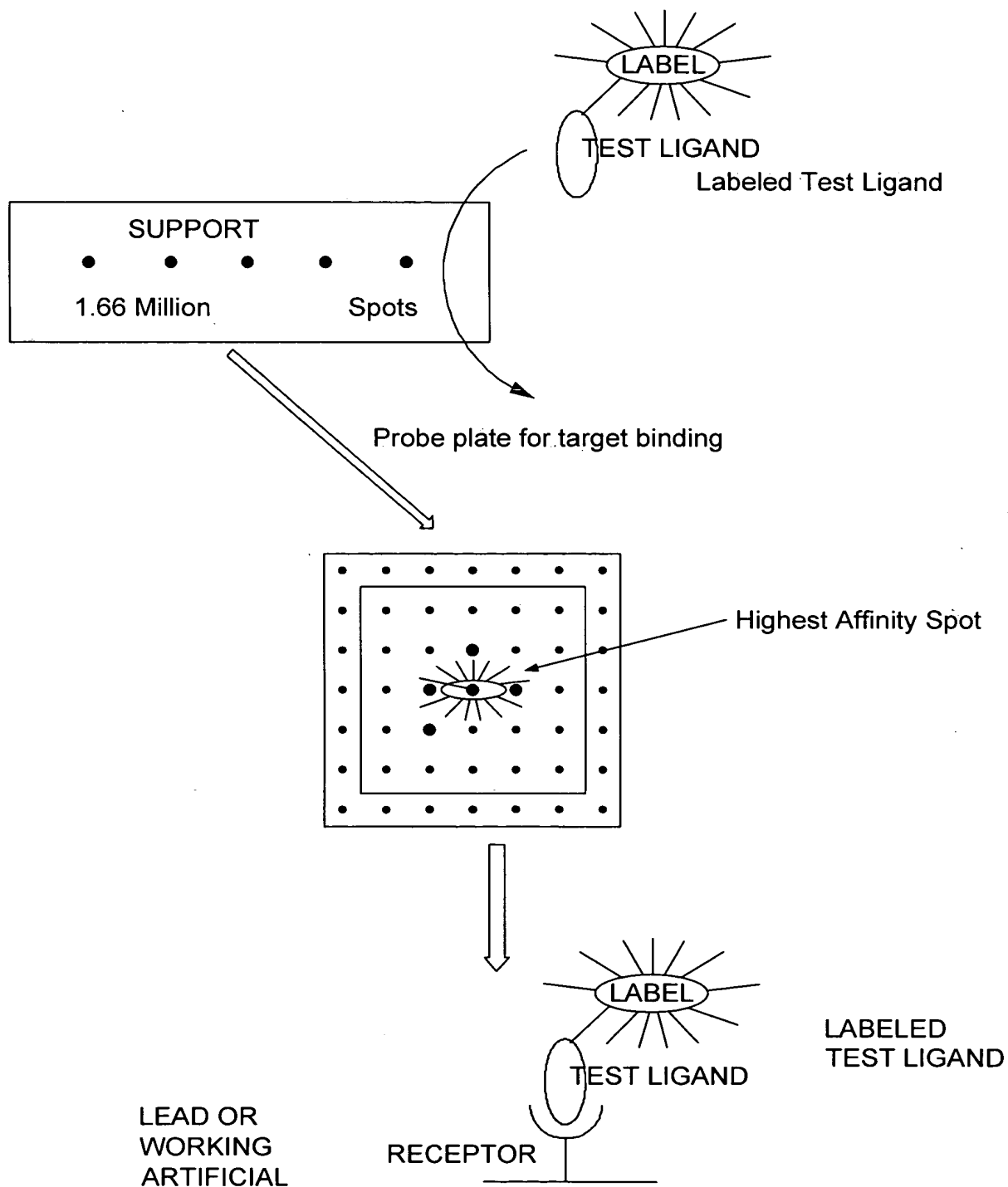


**[ amine glass ]**

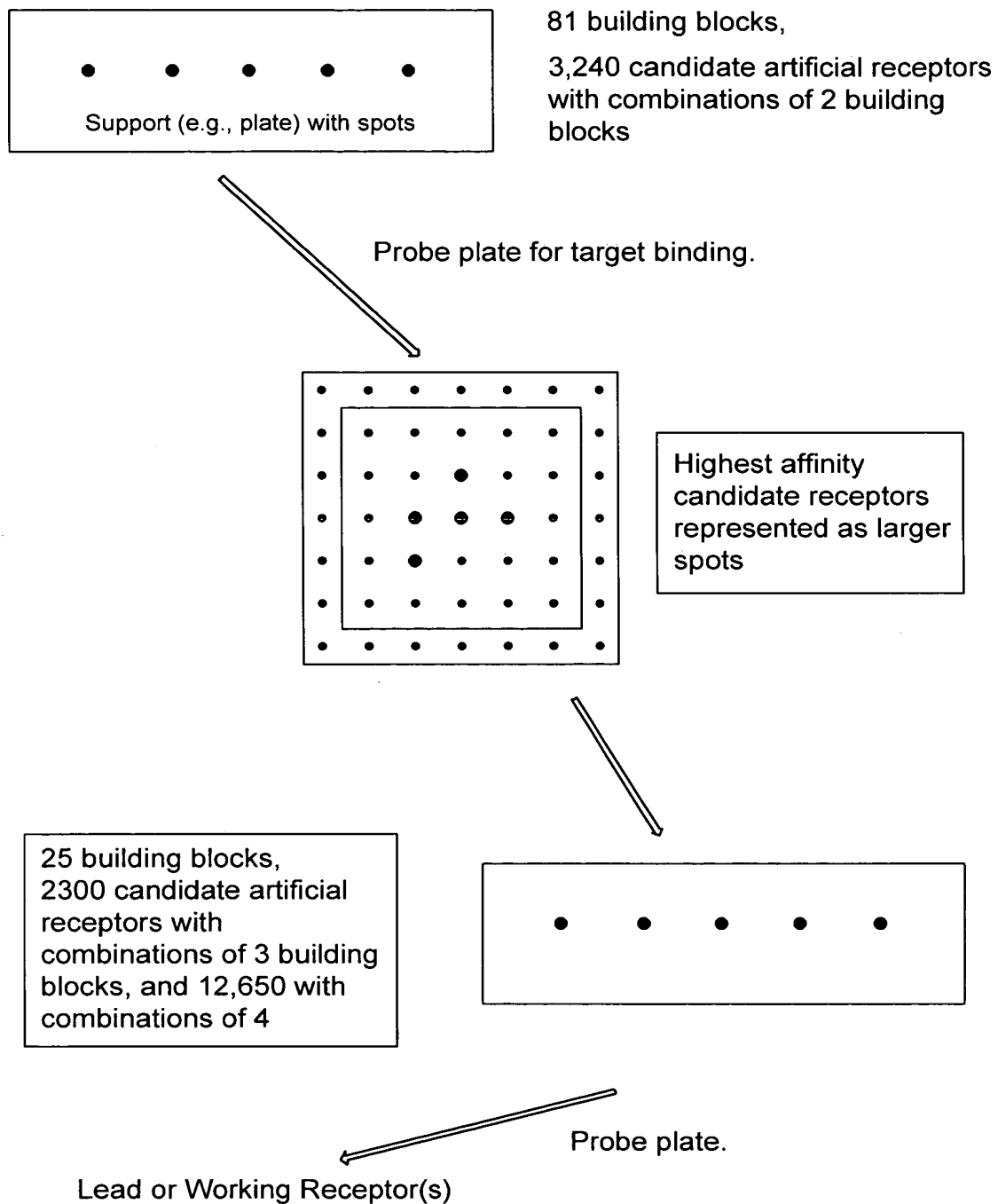


**[ amide glass ]**

FIG.6



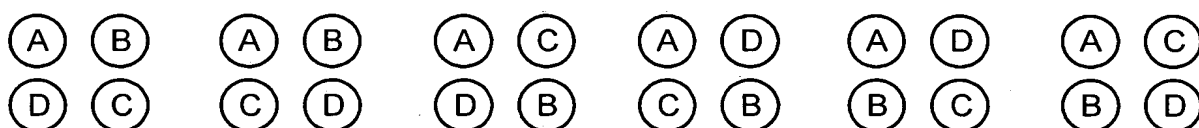
**FIG.7**



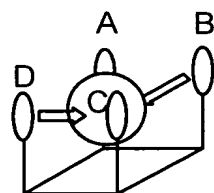


**FIG.8**

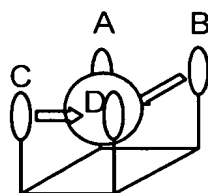
**6 POSITIONAL ISOMERS OF 4 BUILDING BLOCKS AT  
VERTICES OF A QUADRILATERAL**



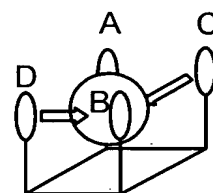
**POSITIONAL ISOMERS ON A SCAFFOLD**



**ISOMER "1"**

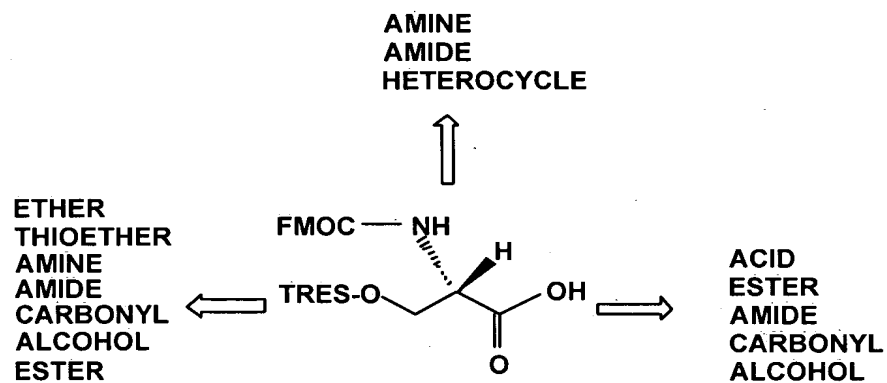


**ISOMER "2"**

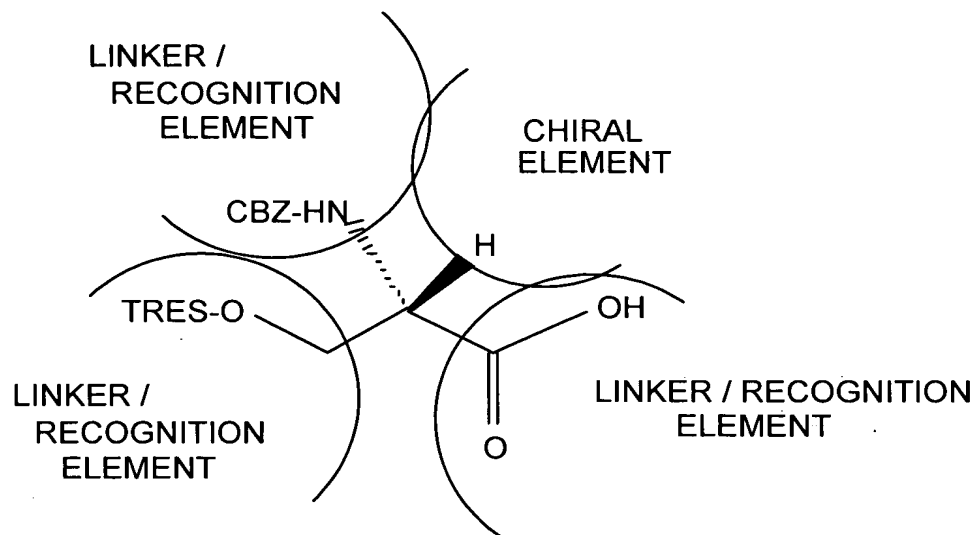


**ISOMER "3"**

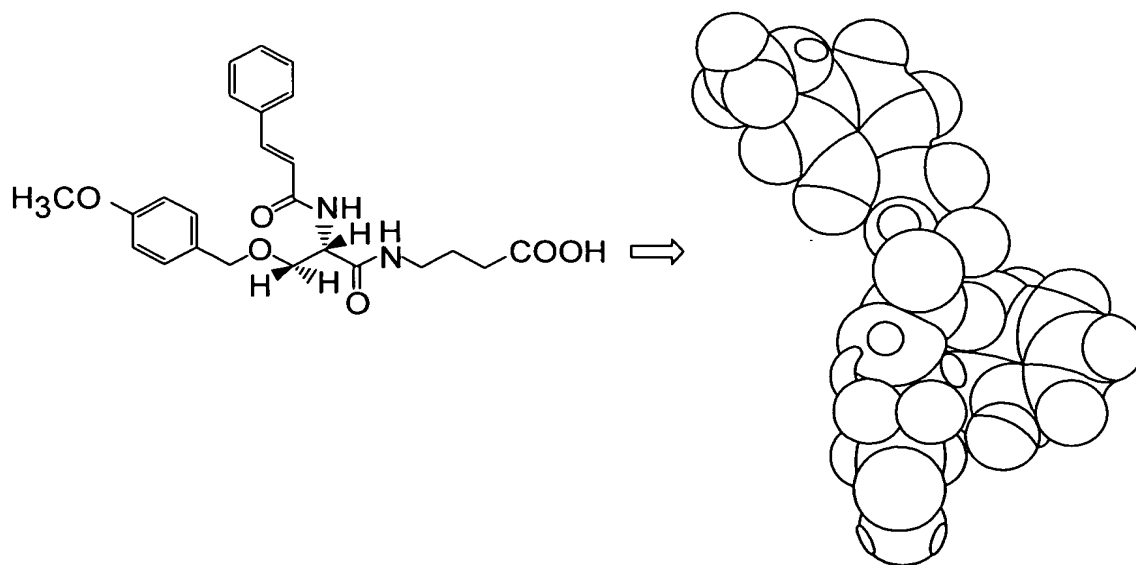
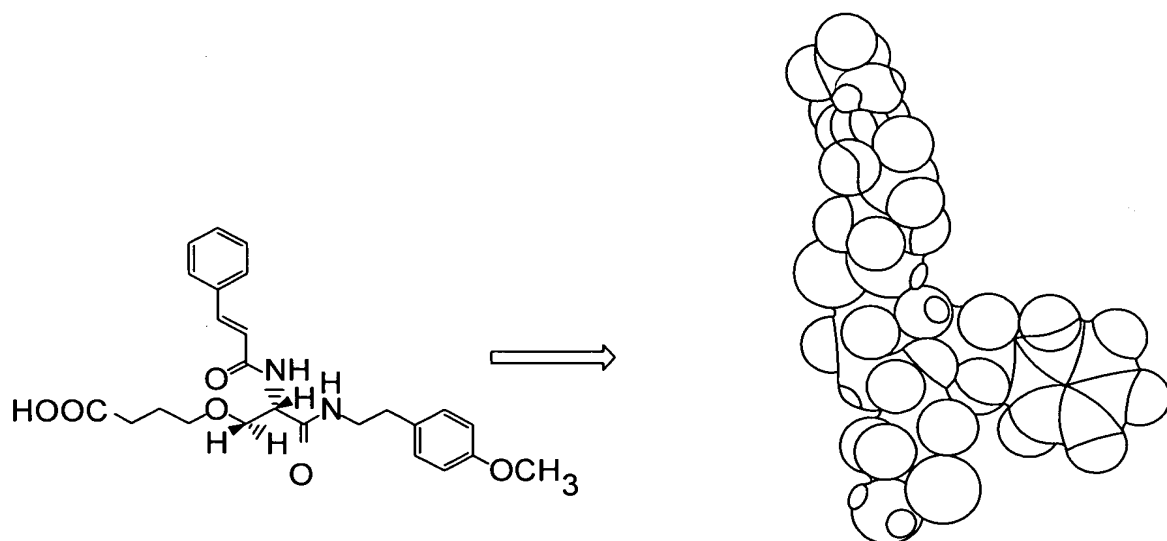
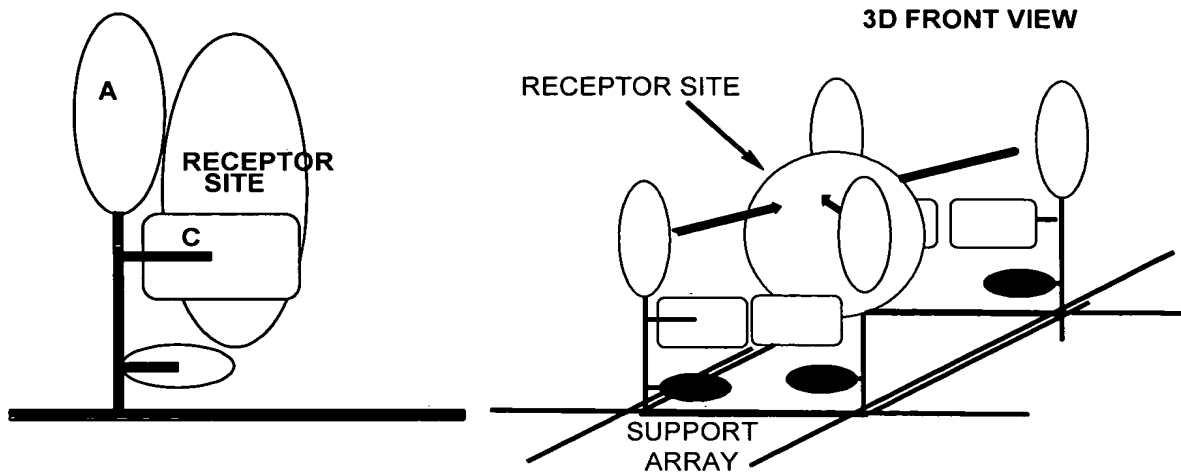
**FIG.9**



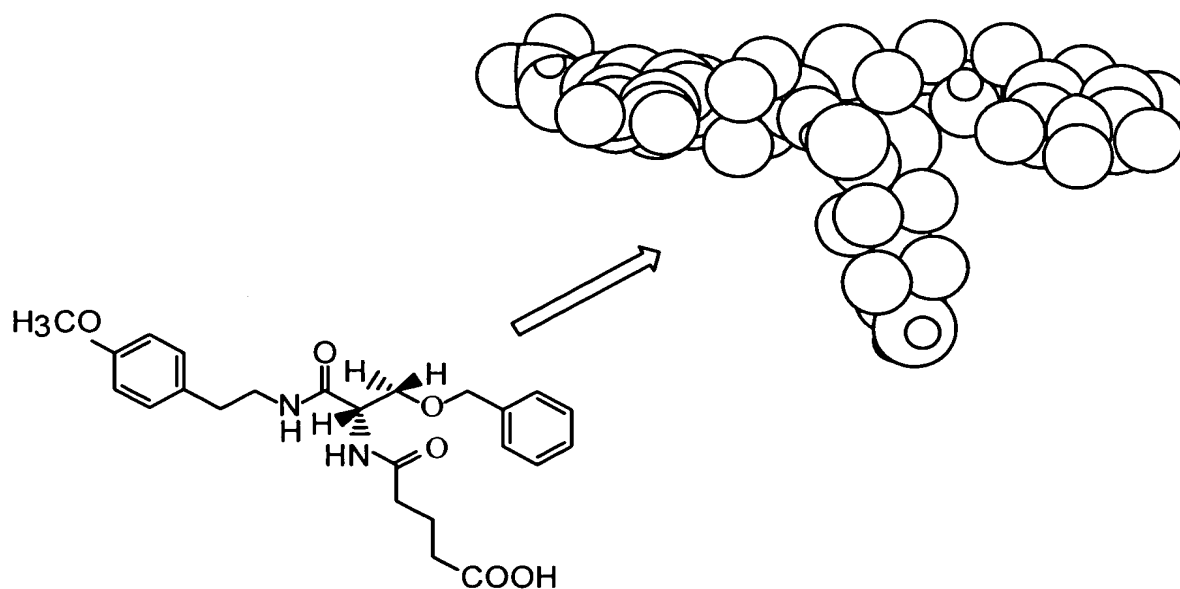
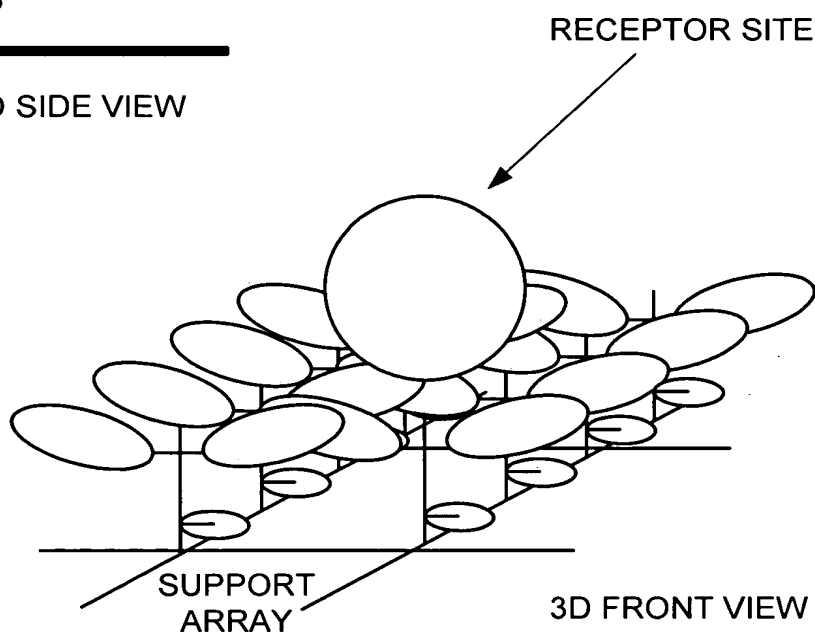
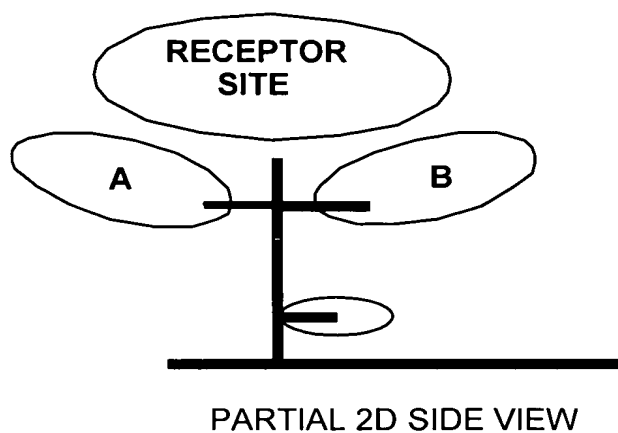
**FIG.10**



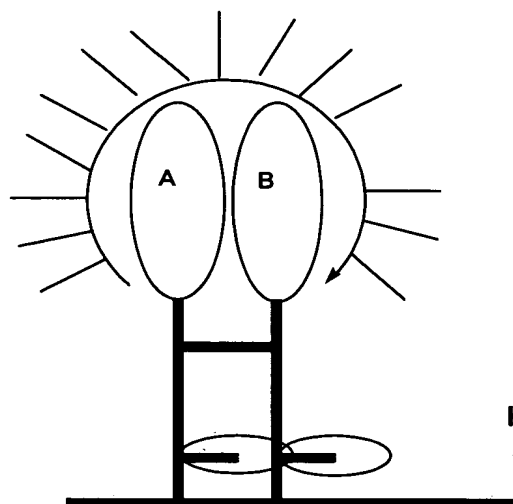
**FIG.11**



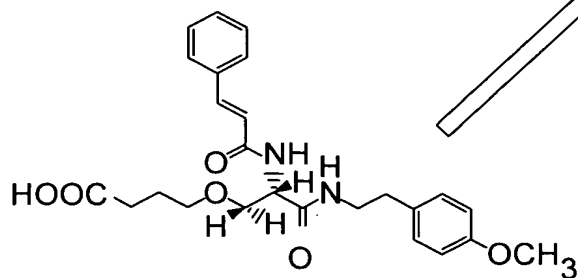
**FIG.12**



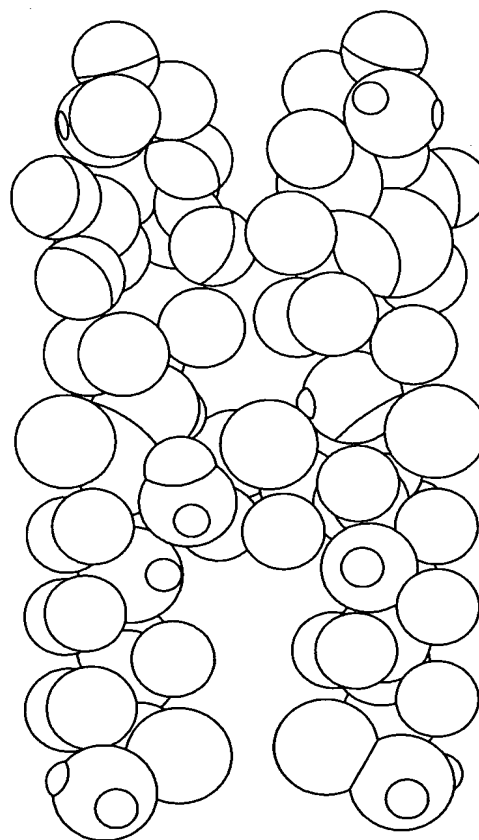
**FIG.13**



**Heterogeneous  
A/B Illustrated**

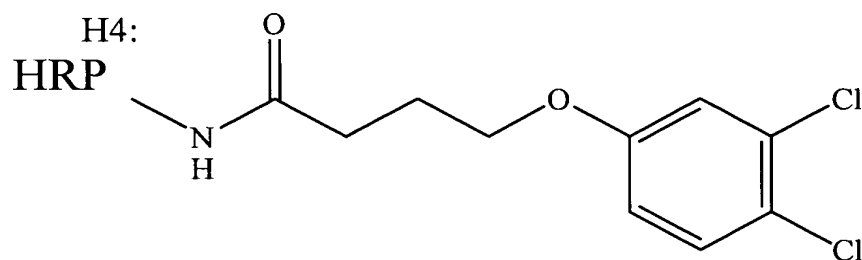


**Heterogeneous  
A/A Illustrated**

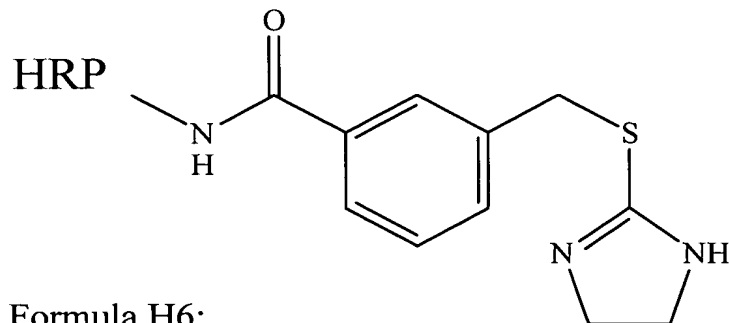


**FIG.14**

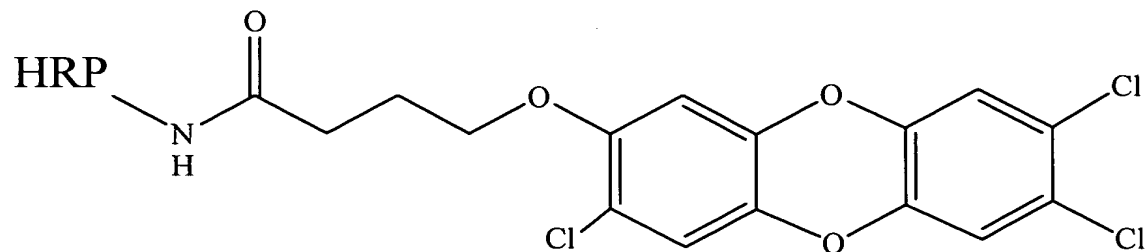
Formula H1:  $\text{HR} - (\text{N} - \text{P} - \text{H})_2$   
Formula H2:  $\text{HR} - (\text{N} - \text{P} - \text{H})_{20}$   
Formula H3:  $\text{HR} - (\text{NHCOC} - \text{P} - \text{H})_3$   
Formula H4:



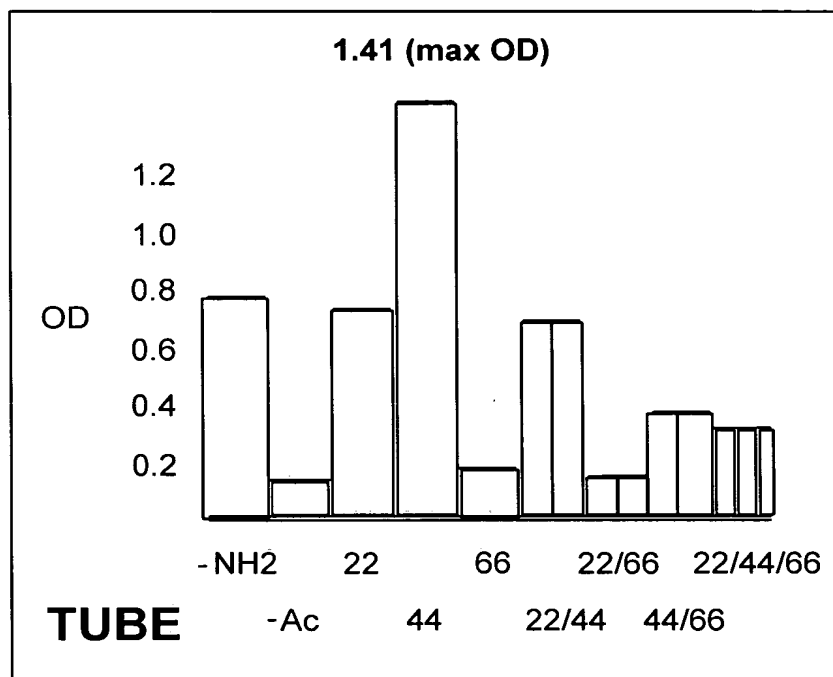
Formula H5:



Formula H6:



**FIG.15A**







**FIG.16**

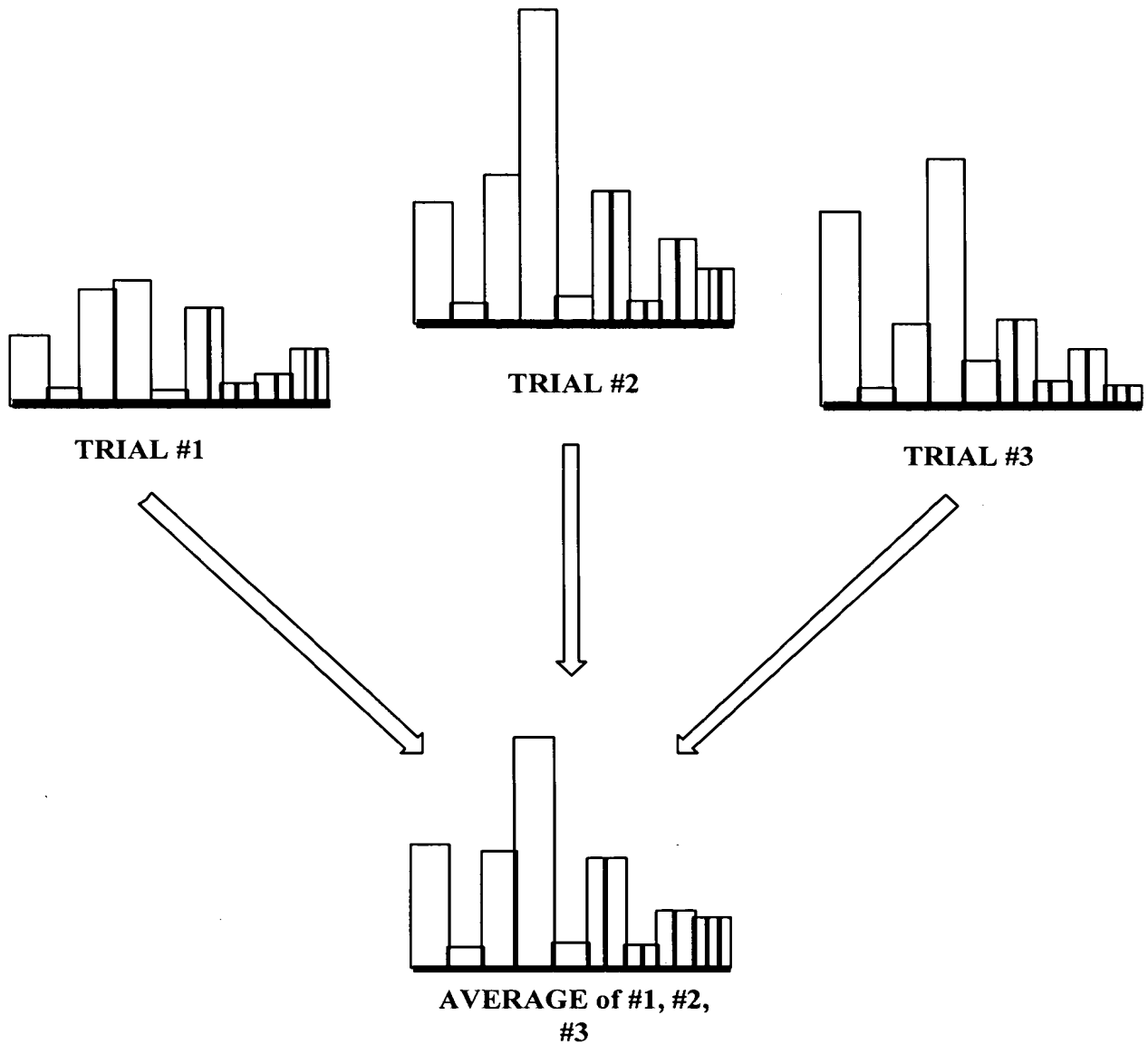
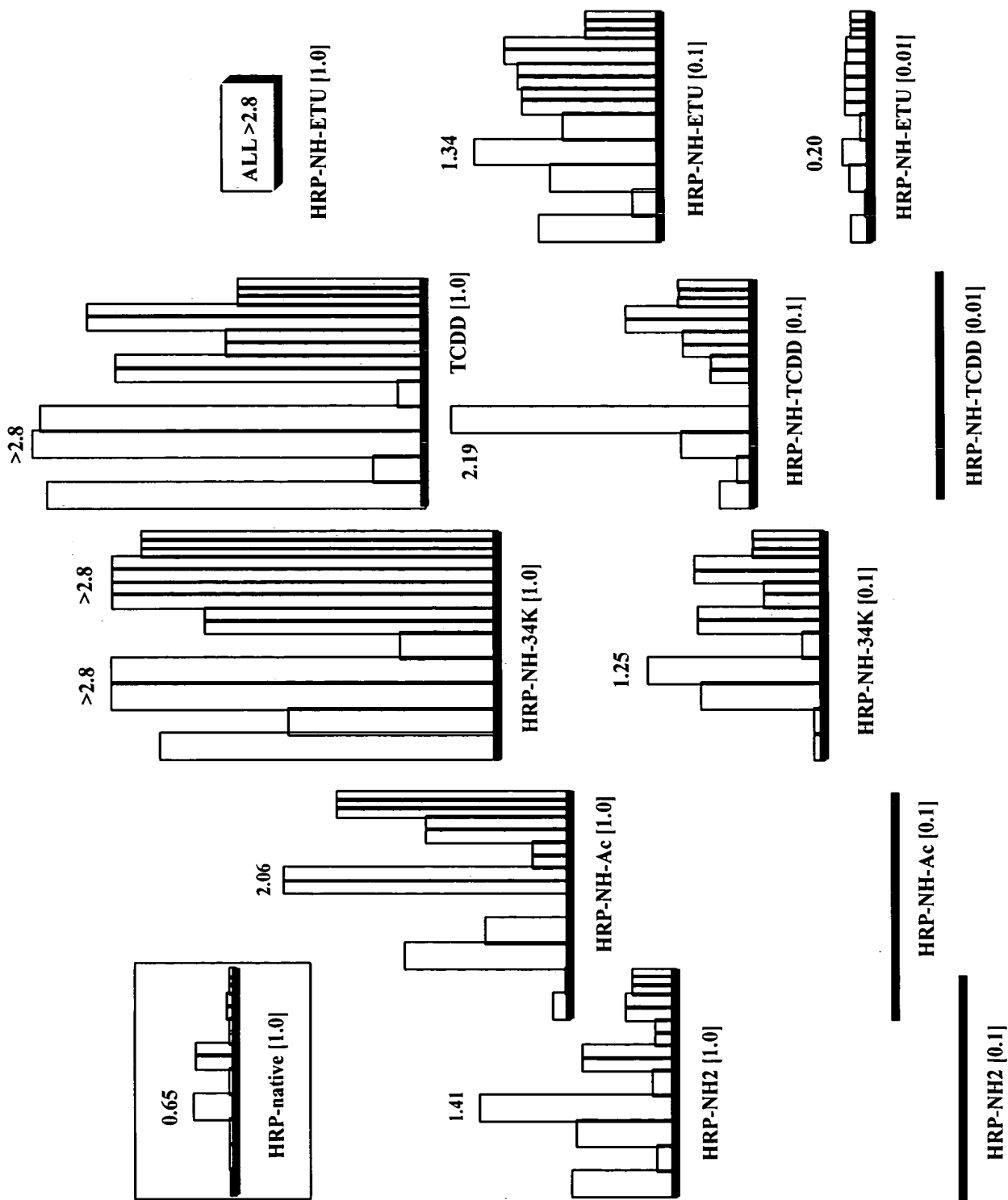
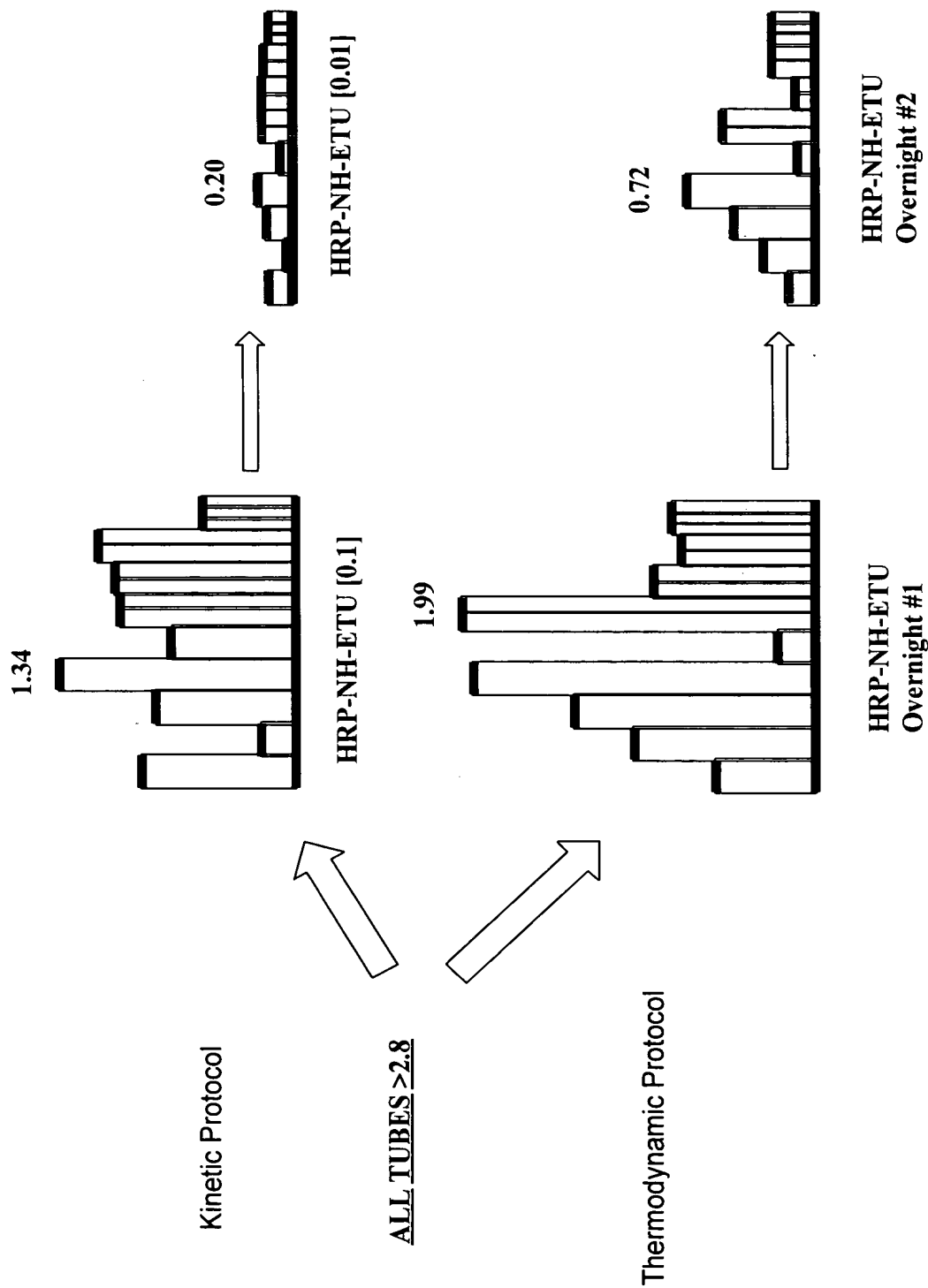


FIG. 17



**FIG.18**



**FIG.19**

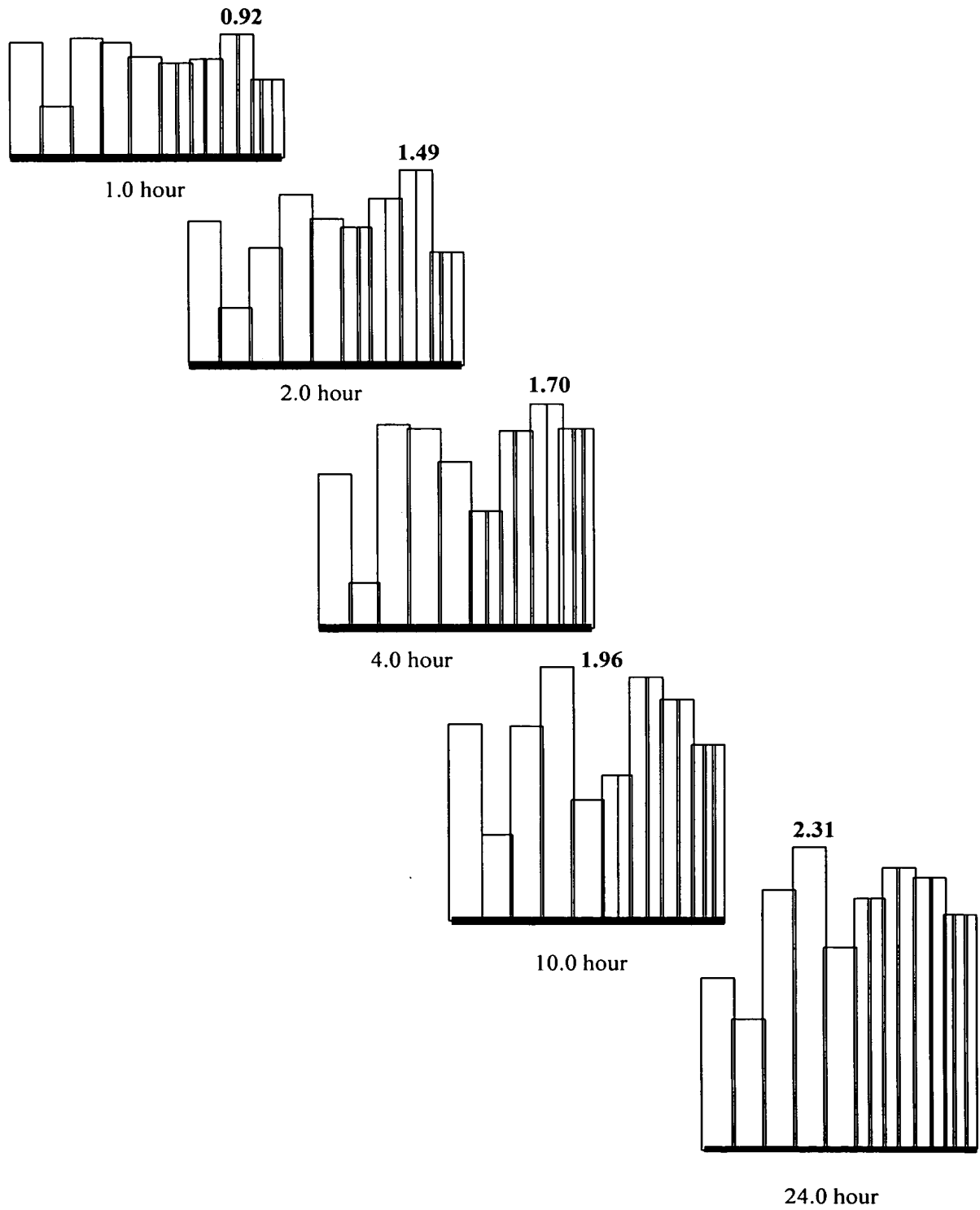


FIG.20

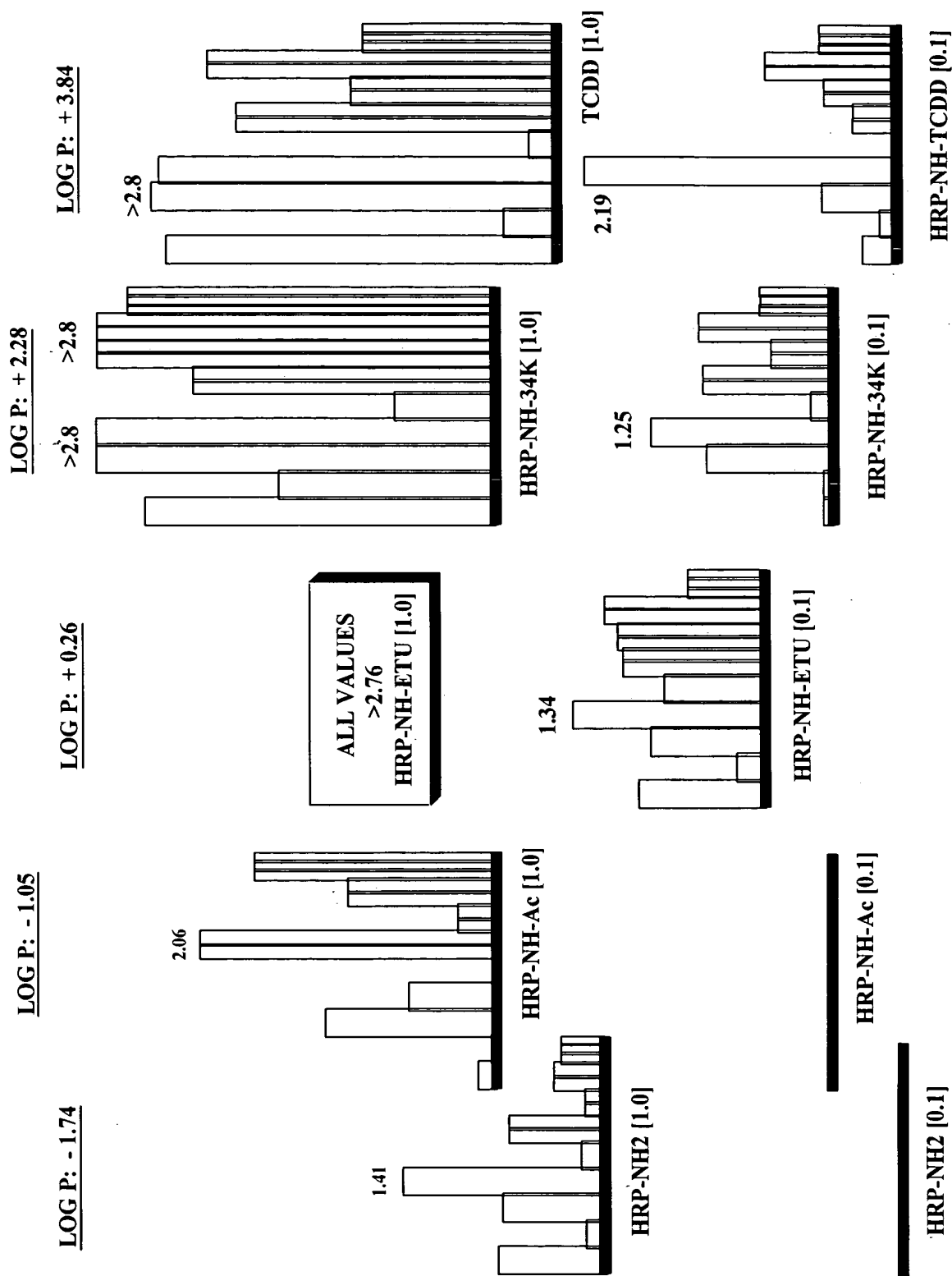


FIG.21

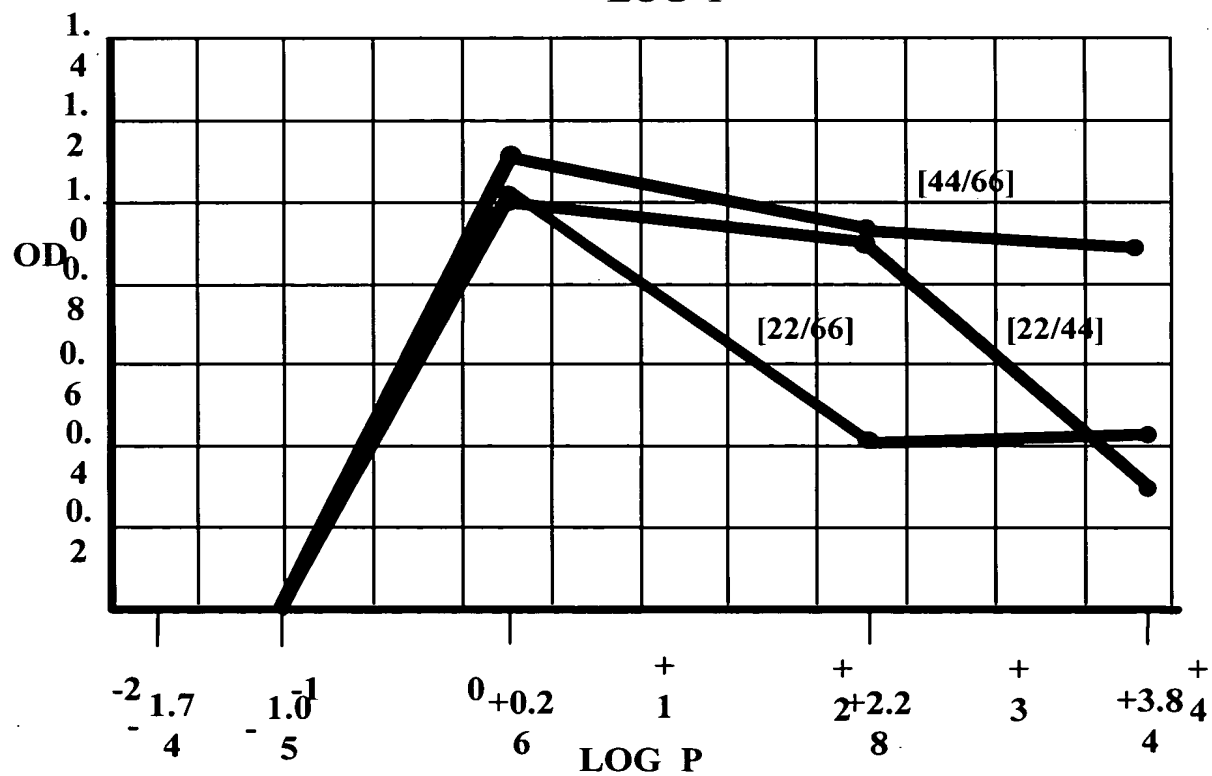
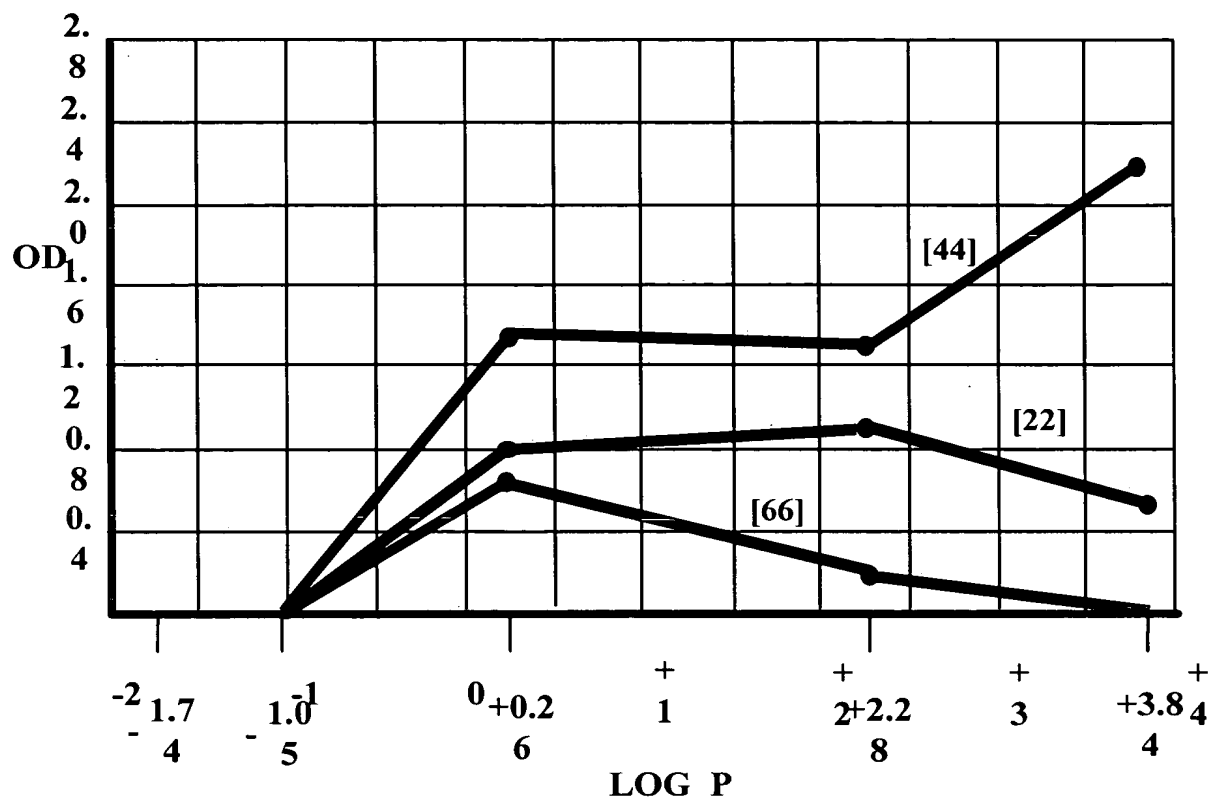
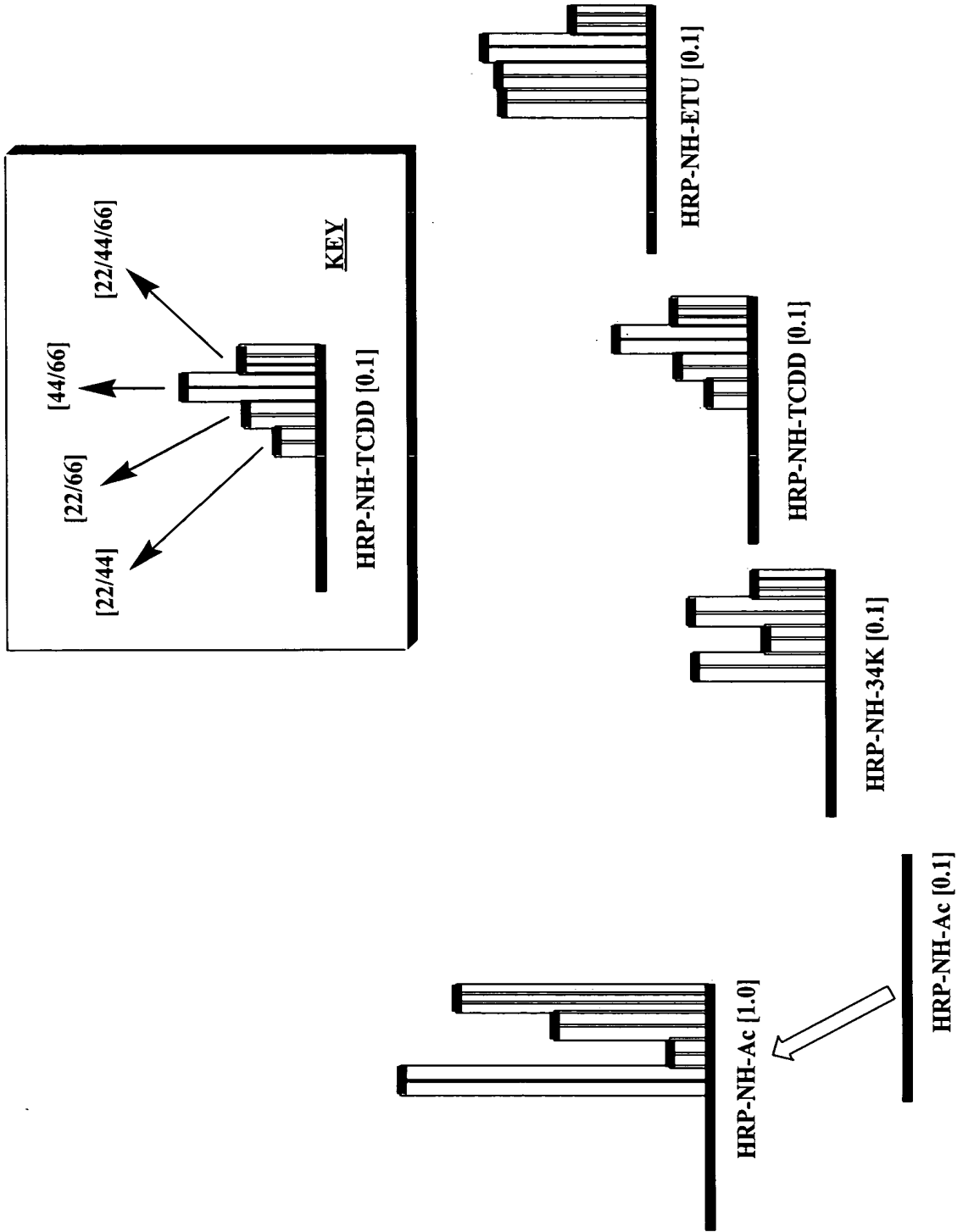


FIG.22





**FIG.23**

